

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/825,294

DATE: 04/18/2001
TIME: 16:35:05

Input Set : A:\484c5.app.txt
Output Set: N:\CRF3\04182001\I825294.raw

ENTERED

3 <110> APPLICANT: Xu, Jiangchun
4 Stolk, John A.
5 Algate, Paul A.
6 Fling, Steven P.
9 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
10 THERAPY AND DIAGNOSIS OF OVARIAN CANCER
12 <130> FILE REFERENCE: 210121.484C5
C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/825,294
15 <141> CURRENT FILING DATE: 2001-04-03
17 <160> NUMBER OF SEQ ID NOS: 215
19 <170> SOFTWARE: FastSEQ for Windows Version 3.0
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 396
23 <212> TYPE: DNA
24 <213> ORGANISM: Homo sapien
26 <220> FEATURE:
27 <221> NAME/KEY: misc_feature
28 <222> LOCATION: (1)...(396)
29 <223> OTHER INFORMATION: n = A,T,C or G
31 <400> SEQUENCE: 1
32 caacctcact agtaaattgaa agaaatattg taatttgtat ttgatctgct gggctctttgg 60
33 agtcagaact ggttttatca gcagtttgat cttctgaggt ctggtatgta gtttgctggc 120
34 ccacagaacc ttcacgtgta ttcacagcct caatgccata aggaaactct tttagaagtt 180
35 ctgacagctg gtcacgtagg tataagacag gtgccttatt actgtggatt tcatttcttg 240
36 caggatcttg gggagtatag ttgctggatg catctatttc ctgagggtaa atatcctcct 300
W--> 37 ggncgacgcy gccgctcgag tctagagggc ccgtttaaac ccgctgatca gcctcgactg 360
W--> 38 tgccttctan ttgccancca tntgttgttt gcccct 396
40 <210> SEQ ID NO: 2
41 <211> LENGTH: 396
42 <212> TYPE: DNA
43 <213> ORGANISM: Homo sapien
45 <400> SEQUENCE: 2
46 cgacaaaaaa gtaaaactcca agtgaacatc aaatcaaadc taatcctttt ggccacatga 60
47 ctggttggtt tttatctcat agttacaatg aatcatataa actgtagact gccactacca 120
48 cgatacttct gtgacacaga agaatgtcc tatttgccta tctatctgag gaatgttaaa 180
49 tagagaaaaa tagattataa aacaacctgg aggtcacagg attctgagat aatccctctg 240
50 ttaaaaaaca tctgaacagc aaatgtccaa tctgtaataa aatagttaaa ggtccaagtc 300
51 aagtcacttt ctacttggct ggcccagcac aagaaatcta acagcacttt gtaatcattt 360
52 tgcttttcta attttccgg aggacatggg ccattg 396
54 <210> SEQ ID NO: 3
55 <211> LENGTH: 396
56 <212> TYPE: DNA
57 <213> ORGANISM: Homo sapien
59 <220> FEATURE:
60 <221> NAME/KEY: misc_feature
61 <222> LOCATION: (1)...(396)
62 <223> OTHER INFORMATION: n = A,T,C or G

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64 <400> SEQUENCE: 3
W--> 65 cgcccttttt tttttttttt tnattggnnn aantcncttt nantnnaaaa acntgnangg      60
W--> 66 naanccann cccnnggnac cannnccagg agttgggtgg anactgagtg gggtttgtgt      120
W--> 67 gggtagggg gcatctactc ctnttgcaac aagccaaaag tagaacagcc taaggaaaag      180
68 tgacctgctt tggagcctta gtccctccct tagggccccc tcagcctacc ctatccaagt      240
69 ctgaggctat ggaagtctcc ctccatgttc actagcaggt tccccatctt ttccaggctg      300
W--> 70 cccctagcac tccacgtttt tctgaaaaaa tctanacagg cccctttttg gtacctaaaa      360
71 cccagctgag gttgtgagct tgtaaggtaa agcaag      396
73 <210> SEQ ID NO: 4
74 <211> LENGTH: 396
75 <212> TYPE: DNA
76 <213> ORGANISM: Homo sapien
78 <220> FEATURE:
79 <221> NAME/KEY: misc_feature
80 <222> LOCATION: (1)...(396)
81 <223> OTHER INFORMATION: n = A,T,C or G
83 <400> SEQUENCE: 4
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W--> 85 gtnnacctcc nctgcnnag cntatntcc aanatcacc accgtatcca ctgggaatct      120
W--> 86 gccagcctcc tgcgatcaga agagaccaat cgaaaatgag ggtttcacan tcacagctga      180
W--> 87 aggaaaaggc caaggcacct tgtcggnggn gacaatgtac catgctaagg ccaaagatca      240
88 actcacctgt aataaattcg acctcaaggt caccataaaa ccagcaccgg aacagaaaaa      300
W--> 89 gaggcctnag gatgcccaag aaacactttt gatcctttga aaactgtacc aaggtaccgg      360
W--> 90 ggggagaccc aggaaaggnc cnttatgtnt nnnntnt      396
92 <210> SEQ ID NO: 5
93 <211> LENGTH: 396
94 <212> TYPE: DNA
95 <213> ORGANISM: Homo sapien
97 <220> FEATURE:
98 <221> NAME/KEY: misc_feature
99 <222> LOCATION: (1)...(396)
100 <223> OTHER INFORMATION: n = A,T,C or G
102 <400> SEQUENCE: 5
103 gacgccggag ctgccgcgcc agtcgcctag caggctctct accggcttat tccgtgtgccg      60
104 gatcttcacg ggcacagggg ccaactgagac gtttctgctt cctcttttct tccctcgctc      120
W--> 105 tttctcttcc ctctngttta gtttgccctg gagcttgaaa ggagaaagca cnggggtcgc      180
106 cccaaaccct ttctgcttct gcccatcaca agtgccacta ccgccatggg cctcactatc      240
107 tctccctctt tctcccgact atttgcaag aagcagatgc gcattttgat ggttgattg      300
W--> 108 gatgctgctg gcaagacaac cattcttgat aaactgaaag tanggganat aagnaccacc      360
W--> 109 atttctacca ttgggtttta tgggggaaac agtana      396
111 <210> SEQ ID NO: 6
112 <211> LENGTH: 396
113 <212> TYPE: DNA
114 <213> ORGANISM: Homo sapien
116 <220> FEATURE:
117 <221> NAME/KEY: misc_feature
118 <222> LOCATION: (1)...(396)
119 <223> OTHER INFORMATION: n = A,T,C or G
121 <400> SEQUENCE: 6

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122  acgggaggcg cgggaagtc gacggcgccg ggggtcctg caggaggcca ctgtctgcag      60
123  ctcccgtaga gatgtccact ccagaccac ccctgggagg aactcctcgg ccaggtcctt      120
124  ccccgggccc tgcccttccc ctggagccat gctggggcct agcccgggtc cctcgccggg      180
W--> 125  ctccgcccac agcatgatgg gggccagccc angggcccgc ctcagcagga caccatcc      240
126  ccaccaggg gcttgaggg taccctcagg acaacatgca ccagatgcac aagcccatgg      300
127  agtccatgca tgagaaggc atgtcggacg acccgcgcta caaccagatg aaaggaatgg      360
128  ggatgcggtc agggggccat gctgggatgg gggccc      396
130  <210> SEQ ID NO: 7
131  <211> LENGTH: 396
132  <212> TYPE: DNA
133  <213> ORGANISM: Homo sapien
135  <400> SEQUENCE: 7
136  acccgagagt cgtcgggggt tctgtcttca acagtgttg gacggaaccc ggcgtcgtt      60
137  cccacccccg gccggcgcc catagccagc cctcgtcac ctcttcaccg caccctcgga      120
138  ctgcccgaag gccccgccc cgctccagc gccgcgcag caccgcccgc gccgcgcct      180
139  ctcttagtgc gccgcatga cgaccgcgtc cacctcgcag gtgcgccaga actaccacca      240
140  ggactcagag gccgccatca accgccagat caacctggag ctctacgct cctacgttta      300
141  cctgtccatg tcttactact ttgaccgcga tgatgtggct ttgaagaact ttgccaata      360
142  ctttcttcac caatctcatg aggagaggga acatgc      396
144  <210> SEQ ID NO: 8
145  <211> LENGTH: 396
146  <212> TYPE: DNA
147  <213> ORGANISM: Homo sapien
149  <400> SEQUENCE: 8
150  cgacaacaag gttaatacct tagttcttaa ctttttttt ctttatgtgt agtgttttca      60
151  tgctaccttg gtaggaaact tatttcaaaa ccatattaaa aggctaattt aaatataaat      120
152  aatataaagt gctctgaata aagcagaaat atattacagt tcattccaca gaaagcatcc      180
153  aaaccacca aatgaccaag gcatatatag tatttgagg aatcaggggt ttggaaggag      240
154  tagggaggag aatgaaggaa aatgcaacca gcatgattat agtgtgttca tttagataaa      300
155  agtagaaggc acaggagagg tagcaaaggc caggcttttc tttggttttc ttcaaacata      360
156  ggtgaaaaaa aactgccat tcacaagtca aggaac      396
158  <210> SEQ ID NO: 9
159  <211> LENGTH: 396
160  <212> TYPE: DNA
161  <213> ORGANISM: Homo sapien
163  <220> FEATURE:
164  <221> NAME/KEY: misc_feature
165  <222> LOCATION: (1)...(396)
166  <223> OTHER INFORMATION: n = A,T,C or G
168  <400> SEQUENCE: 9
169  tcgacatcgc ggcaactttt tgcggattgt tcttgcttcc aggctttgcy ctgcaaatec      60
170  agtgctacca gtgtgaagaa ttccagctga acaacgactg ctccctcccc gagttcattg      120
171  tgaattgcac ggtgaacgtt caagacatgt gtcagaaaga agtgatggag caaagtgcg      180
172  ggatcatgta ccgcaagtcc tgtgcatcat cagcggcctg tctcatcgcc tctgccgggt      240
173  accagtcctt ctgctcccca gggaaactga actcagtttg catcagctgc tgcaacaccc      300
W--> 174  ctctttgtaa cgggccaagg nccaaaaaaa ggggaaagtt ctgncctcgg ccctcaggcc      360
175  agggctccgc accaccatcc tgttctcaa attagc      396
177  <210> SEQ ID NO: 10
178  <211> LENGTH: 396

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179 <212> TYPE: DNA
180 <213> ORGANISM: Homo sapien
182 <220> FEATURE:
183 <221> NAME/KEY: misc_feature
184 <222> LOCATION: (1)...(396)
185 <223> OTHER INFORMATION: n = A,T,C or G
187 <400> SEQUENCE: 10
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W--> 189 tttttttttt tttttttttt tttttttttt tttttttttt ttttaaaaaa aaaannnttt      120
W--> 190 tttttttttt aaaaaaangg gnnnnntttt ttncnnnnn ggngggggg ggggnnnntt      180
W--> 191 ttnaaaaaa aaaaccnnaa annnnnngggg nnnannnaa ncccccccc naancnntaa      240
W--> 192 aaaannnggn aaanagggg gggannnnnn nnggggggna aaantttttt ttttttnaag      300
W--> 193 ggnnnggnaa aaantnnnn nnnttttttt tttnaannng gnaaaaaaa aaaaaaaaaa      360
W--> 194 attttttngg gntnaggggn ngggggaaaa nccna                                396

196 <210> SEQ ID NO: 11
197 <211> LENGTH: 396
198 <212> TYPE: DNA
199 <213> ORGANISM: Homo sapien
201 <400> SEQUENCE: 11
202 agaacacagg tgctgtgaaa actacccta aaagccaaaa tgggaaagga aaagactcat      60
203 atcaacattg tcgtcatttg acacgtagat tcgggcaagt ccaccactac tggccatctg      120
204 atctataaat gcggtggcat cgacaaaaga accattgaaa aatttgagaa ggaggctgct      180
205 gagatgggaa agggctcctt caagtatgcc tgggtcttg ataaactgaa agctgagcgt      240
206 gaacgtggtg tcaccattga tatctccttg tggaaatttg agaccagcaa gtactatgtg      300
207 actatcattg atgccccagg acacagagac tttatcaaaa acatgattac agggacatct      360
208 caggctgact gtgtgtcctt gattgttgct gctggt                                396

210 <210> SEQ ID NO: 12
211 <211> LENGTH: 396
212 <212> TYPE: DNA
213 <213> ORGANISM: Homo sapien
215 <400> SEQUENCE: 12
216 cgaaaacett taaaccccg gtcacccggac atcccaacgc atgctcctgg agctcacagc      60
217 cttctgtggt gtcatttctg aaacaagggc gtggatccct caaccaagaa gaatgtttat      120
218 gtcttcaagt gacctgtact gcttggggac tattggagaa aataaggtgg agtctactt      180
219 gtttaaaaaa tatgtatcta agaattgttct agggcactct gggaacctat aaaggcaggt      240
220 atttcggggc ctctcttcca ggaatcttcc tgaagacatg gccagtcga aggccagga      300
221 tggtttttgc tgcggccccg tggggttagga gggacagaga gacagggaga gtcagcctcc      360
222 acattcagag gcatcacaag taatggcaca attctt                                396

224 <210> SEQ ID NO: 13
225 <211> LENGTH: 396
226 <212> TYPE: DNA
227 <213> ORGANISM: Homo sapien
229 <400> SEQUENCE: 13
230 accacaggct ggccacaaga agcgtggag tgtgctggcg gctgcaggcc tacggggcct      60
231 ggtccggctg ctgcacgtgc gtgccgctt ctgctgcggg gtcacccag cccacaagaa      120
232 ggccatcgcc accctgtgct tcagccccgc ccacagagacc catctcttca cggcctocta      180
233 tgacaagcgg atcatcctct gggacatcgg ggtgccccac caggactacg aattccaggc      240
234 cagccagctg ctacactgg acaccactc tatccccctg cgctctgcc ctgtcgctc      300
235 ctgcccgga gcccgcctgc tggccgctg cgagggcggc tgctgctgct gggacgtgcg      360

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236 gctggaccag ccccaaaaga ggaggggtgtg tgaagt 396
238 <210> SEQ ID NO: 14
239 <211> LENGTH: 396
240 <212> TYPE: DNA
241 <213> ORGANISM: Homo sapien
243 <400> SEQUENCE: 14
244 acggcgctcct cgtggaagtg acatcgtctt taaaccctgc gtggcaatcc ctgacgcacc 60
245 gccgtgatgc ccaggaaga cagggcgacc tggaagtcca actacttcct taagatcatc 120
246 caactattgg atgattatcc gaaatgtttc attgtgggag cagacaatgt gggctccaag 180
247 cagatgcagc agatccgcat gtcccttcgc ggggaaggctg tgggtcgtgat gggcaagaac 240
248 accatgatgc gcaaggccat ccgagggcac ctggaaaaca acccagctct ggagaaactg 300
249 ctgcctcata tccgggggaa tgtgggcttt gtgttcacca aggaggacct cactgagatc 360
250 agggacatgt tgctggccaa taaggtgcc a gctgct 396
252 <210> SEQ ID NO: 15
253 <211> LENGTH: 396
254 <212> TYPE: DNA
255 <213> ORGANISM: Homo sapien
257 <220> FEATURE:
258 <221> NAME/KEY: misc_feature
259 <222> LOCATION: (1)...(396)
260 <223> OTHER INFORMATION: n = A,T,C or G
262 <400> SEQUENCE: 15
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264 gatgaagact ctgctgctgt ttgtggggct gctgctgacc tgggagagt ggcaggctcct 120
265 gggggaccag acggtctcag acaatgagct ccaggaaatg tccaatcagg gaagtaagta 180
266 cgtcaataag gaaattcaaa atgcttgtca acggggtgaa acagataaag actctcatag 240
267 aaaaaacaaa cgaagagcgc aagacactgc tcagcaacct agaagaagcc aagaagaaga 300
W--> 268 aagaggatgc cctaaatgag accaggggaat canagacaaa gctgaaggag ctcccaggag 360
269 tgtgcaatga gaccatgatg gccctctggg aagagt 396
271 <210> SEQ ID NO: 16
272 <211> LENGTH: 396
273 <212> TYPE: DNA
274 <213> ORGANISM: Homo sapien
276 <220> FEATURE:
277 <221> NAME/KEY: misc_feature
278 <222> LOCATION: (1)...(396)
279 <223> OTHER INFORMATION: n = A,T,C or G
281 <400> SEQUENCE: 16
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W--> 283 tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttngggggg 120
W--> 284 nnnaaanttt tttntnanan nnnngggnaa aaaaaaaaaa aanaangggg gnnntnnggc 180
W--> 285 ccnnnanaaa aaaanngnna annaancccc ccnnnnnnnc ccncnnntnn ggaaananna 240
W--> 286 aaaccccccc cngggngggg nnaaaaaann ccnggggnan tttttatnnn annccccccc 300
W--> 287 ccnggggggg gnggaaaaaa aaaantnccc ccnannaaaa nnggggnccc cccnttttnc 360
W--> 288 aaaanggggg nccgggcccc ccnnantntt nggggg 396
290 <210> SEQ ID NO: 17
291 <211> LENGTH: 396
292 <212> TYPE: DNA
293 <213> ORGANISM: Homo sapien

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Input Set : A:\484c5.app.txt
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L:14 M:270 C: Current Application Number differs, Wrong Format
L:37 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:38 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:65 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:66 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:67 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:70 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:86 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:87 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:90 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:190 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:268 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:288 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:315 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:316 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:318 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:319 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:334 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:336 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:337 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:354 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20

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L:357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20

L:372 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21

L:373-M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21